

**IN THE SPECIFICATION:**

Please amend the Specification as follows.

Please amend paragraph [0038] as follows:

**[0038]** The right side above simplifies to

$$\sum_{0 \leq j \leq N} \sum_{0 \leq i \leq j} (-1)^{j-i} \binom{N}{j} \binom{j}{j-i} x^j E^i b_0.$$

Note that

$$\sum_{0 \leq i \leq j} (-1)^{j-i} \binom{j}{j-i} x^j E^i b_0 = (E-1)^j b_0.$$

It then follows that

$$\rho(x) = \sum_{0 \leq i \leq N} x^j \binom{N}{j} (E-1)^j b_0.$$

that is the power form representation of  $p(x)$ . From the uniqueness of the power form representation of a polynomial and the relation between the operators  $E$  and  $\Delta$  it follows that  $p_i = ( ) \Delta^i b_0$ . (the end of the proof)